

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously presented) A flat panel display apparatus comprising
plasma discharge cells that include sustain electrodes and scan electrodes;
and
a drive circuit for providing data arranged in subfields to the discharge cells,
which includes an energy recovery circuit, and
means for activating the energy recovery circuit only for a part of the total
number of subfields.
2. (Previously presented) The flat panel display apparatus of claim 1, wherein the
part of the number of subfields has on average a lower weight than the rest of the
sub-fields.
3. (Previously presented) The flat panel display apparatus of claim 2, wherein the
part of the subfields all have a lower weight or an equal weight compared to the
subfields for which in operation the energy recovery circuit is not activated.
4. (Previously presented) The flat panel display apparatus of claim 1, wherein data
electrodes are arranged in a zigzag configuration.
5. (Previously presented) The flat panel display apparatus of claim 1, including
rows and columns of pixels, each pixel including at least one discharge cell,
wherein a data electrode is alternately coupled in subsequent rows to a cell of
a pixel in a first column and to a cell of a pixel in a column adjacent to the first
column.

6. (Previously presented) The flat panel display apparatus of claim 5, wherein the data electrode is coupled to cells that emit substantially a same color.

7. (Previously presented) The flat panel display apparatus of claim 1, wherein the display apparatus includes a discriminator having means for choosing the part of the subfields during which the energy recovery circuit is activated on the basis of the data to be displayed.

8. (Previously presented) The flat panel display apparatus of claim 7, wherein the discriminator in operation discriminates depending on at least one of a display-load and a subfield-load.

9. (Previously presented) The flat panel display apparatus of claim 1, wherein the number of subfields in which energy recovery is applied is fixed.

10. (Previously presented) A method of displaying images on a flat-panel display apparatus that includes plasma discharge cells having sustain electrodes and scan electrodes, a drive circuit having a circuit for providing data arranged in subfields to the discharge cells, and an energy recovery circuit, the method comprising activating the energy recovery circuit only for a part of the total number of subfields.

11. (Previously presented) A display comprising:

- a plurality of plasma discharge cells, each discharge cell of the plurality of discharge cells including a plurality of subfields; and

- an energy recovery circuit that is configured to recover energy from select subfields of the plurality of subfields, the select subfields being fewer than a total number of the subfields of the discharge cell.

12. (Previously presented) The display of claim 11, wherein
each subfield of the discharge cell has an associated illumination weight, and
the select subfields have, on average, a lower weight than a remainder of the
subfields of the total number of subfields.
13. (Previously presented) The display of claim 12, wherein
each of the select subfields has a lower weight than the remainder of the
subfields.
14. (Previously presented) The display of claim 11, including
data electrodes that are arranged in a zigzag configuration.
15. (Previously presented) The display of claim 11, including
rows and columns of pixels, each pixel including at least one discharge cell,
and
data electrodes that are arranged to couple a pixel in a first column of a row to
a pixel in an adjacent column of a subsequent row.
16. (Previously presented) The display of claim 15, wherein
each pixel includes discharge cells of different colors, and
the data electrodes are arranged to couple discharge cells in the first column
of the row to discharge cells of a same color in the adjacent column of the
subsequent row.
17. (Previously presented) The display of claim 11, including
a discriminator that is configured to select the select subfields based on
display data.
18. (Previously presented) The display of claim 17, wherein
the discriminator is configured to select the select subfield based on a display-
load.

19. (Previously presented) The display of claim 17, wherein
the discriminator is configured to select the select subfield based on a load
associated with the select subfield.
20. (Previously presented) The display of claim 17, wherein
the discriminator is configured to select the select subfield based on a
variance of the display data at the select subfield.
21. (Previously presented) The display of claim 11, wherein
the select subfields are a predetermined subset of the plurality of subfields.